

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, Massachusetts 02139

U. S. A.

Department of Nutrition and Food Science

May 27, 1975

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file

Dr. Alfred N. Grigorian  
Laboratory Chief  
The All-Union Research Institute for  
Protein Biosynthesis  
VNII Sintezbelok  
27, Bol. Kommunisticheskaya ul.  
Moscow, USSR

Dear Dr. Grigorian:

I was very pleased to hear that Dr. Charles L. Cooney of MIT was able to meet with you in Moscow to discuss our upcoming joint conference on Single-cell Protein. I have begun to organize the presentations by the US representatives for this conference.

It is my understanding from Dr. Cooney the following dates were agreeable to you:

Sunday, October 12: USSR Scientists travel to USA  
Monday, October 13: USSR Scientists travel to Boston,  
Massachusetts.  
Tuesday-Thursday  
October 14-16 : Attend conference at Massachusetts Institute  
1975 of Technology, Cambridge, Massachusetts  
02139, USA  
Friday, October 17: Working Group Meeting  
Saturday, Oct. 18: Free Day  
Sunday, October 19: Travel to places for visit by the USSR  
delegation  
Monday, Tuesday  
October 20-21 : Visits  
1975  
Wednesday, Oct. 22: Return to Moscow via New York City.

I have also tabulated a tentative outline with respect to the papers which I will try to organize for US presentation. This is

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Tentative Topics for US Participants:

I. Single-cell Protein Selection: Organism and Substrate

- a. Carbohydrate
  - 1. Lactose from whey (yeast)
  - 2. Starches (fungi)
  - 3. Other carbohydrate waste
- b. Hydrocarbons
  - 1. Mechanisms of hydrocarbon uptake
  - 2. Single-cell protein from n-paraffin
- c. Alcohols
  - 1. Methanol
  - 2. Ethanol

II. Equipment and Control for SCP Production

- a. Fermentation Design
- b. Process Control

III. Recovery of SCP

- a. Physical Recovery of SCP
- b. Protein Recovery Using Membrane Technology

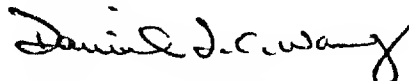
IV. Production of SCP for Human Consumption

- a. Reduction of Ribonucleic Acid
- b. Functional Properties of Proteins from SCP.
- c. Modification to Achieve Functional Properties
- d. Nutritional Value and Safety of SCP

From my estimate we will have a total of 15 to 20 papers. It was my understanding that the scientists from the USSR will present 6 to 8 papers. I therefore, request from you a tentative list of topics which your representatives will present. I will send you the authors and exact titles of our presentation in 4 weeks. I hope you will do the same in the immediate future.

Lastly, I hope you will list the places that you might want to visit while in the US in October. I must have this list at least 6 weeks in advance of October 12, 1975 in order for me to prepare for your visit. I look forward to your reply.

Sincerely,



Daniel I.C. Wang  
Professor of

Biochemical Engineering